

FIG. 1.

TO REGIONAL HOSTS

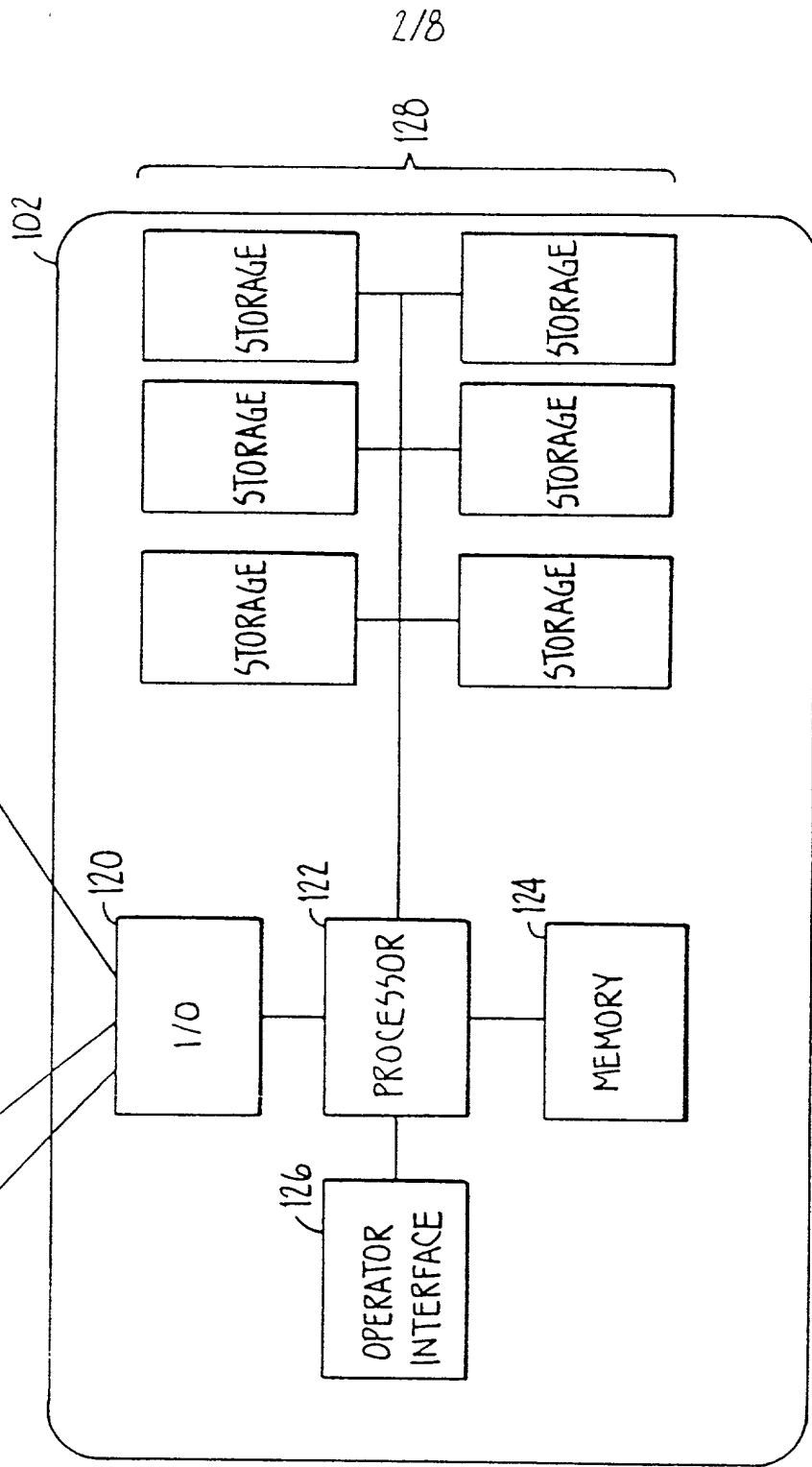


FIG. 2.

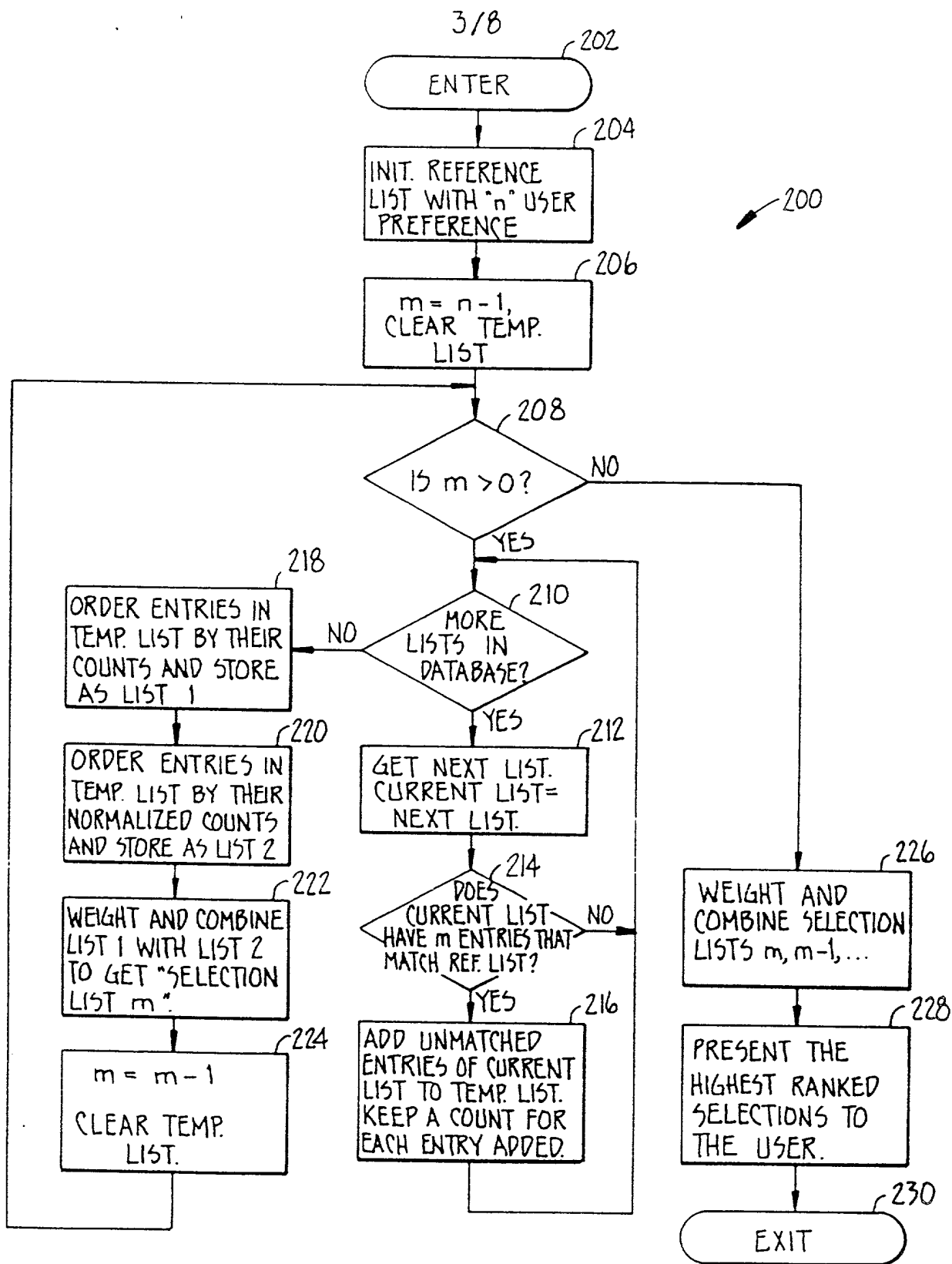


FIG. 3.

USER'S PREFERENCE LIST

300 —
a
d
P
s
y

302

DATABASE PREFERENCE LISTS

b
P
s
a
d

d
s
l
P
z

y
a
b
P
s

a
d
s
P
q

304

306

308

310

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NO. OF OCCURRENCES
IN DATA BASE

LIST 1
b 1080
z 962
c 220
q 58
t 7
u 1
322 324

n = 5

m = 4

326

32,761
38,092
5,010
898
25,586
13,910
÷ ÷ ÷ ÷ ÷ ÷
x 1000
x 1000
x 1000
x 1000
x 1000
x 1000
= 33.0
= 25.3
= 43.9
= 64.6
= 0.3
= 0.1

LIST 2

q 646
c 439
b 33.0
z 25.3
t 0.3
u 0.1

330

b $\frac{6}{2} + \frac{4}{2} = 5$
z $\frac{5}{2} + \frac{3}{2} = 4$
c $\frac{4}{2} + \frac{5}{2} = 4.5$
q $\frac{3}{2} + \frac{6}{2} = 4.5$
t $\frac{2}{2} + \frac{2}{2} = 2$
u $\frac{1}{2} + \frac{1}{2} = 1$

SELECTION LIST 4

b
c
q
z
t

332

FIG. 4.

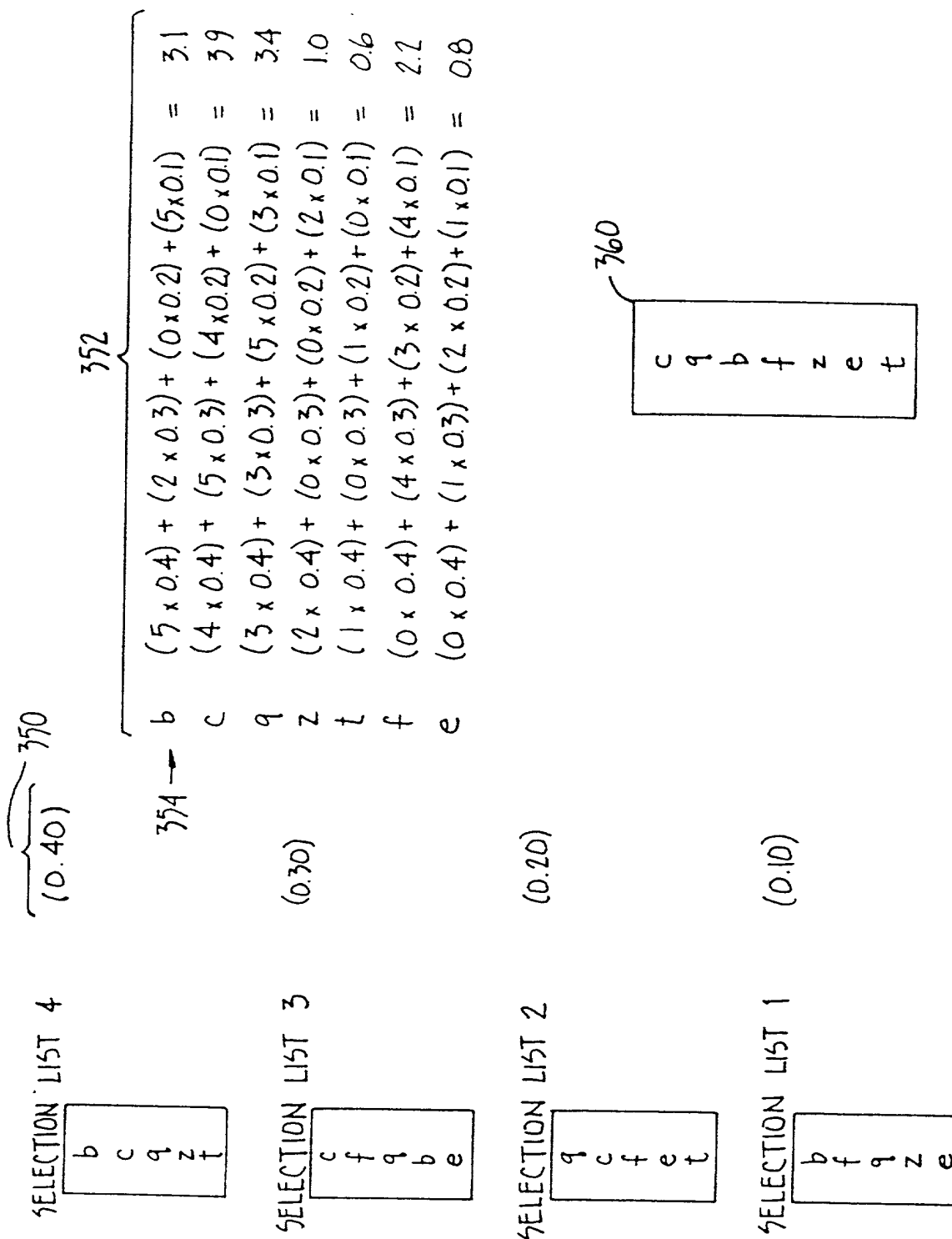


FIG. 5.

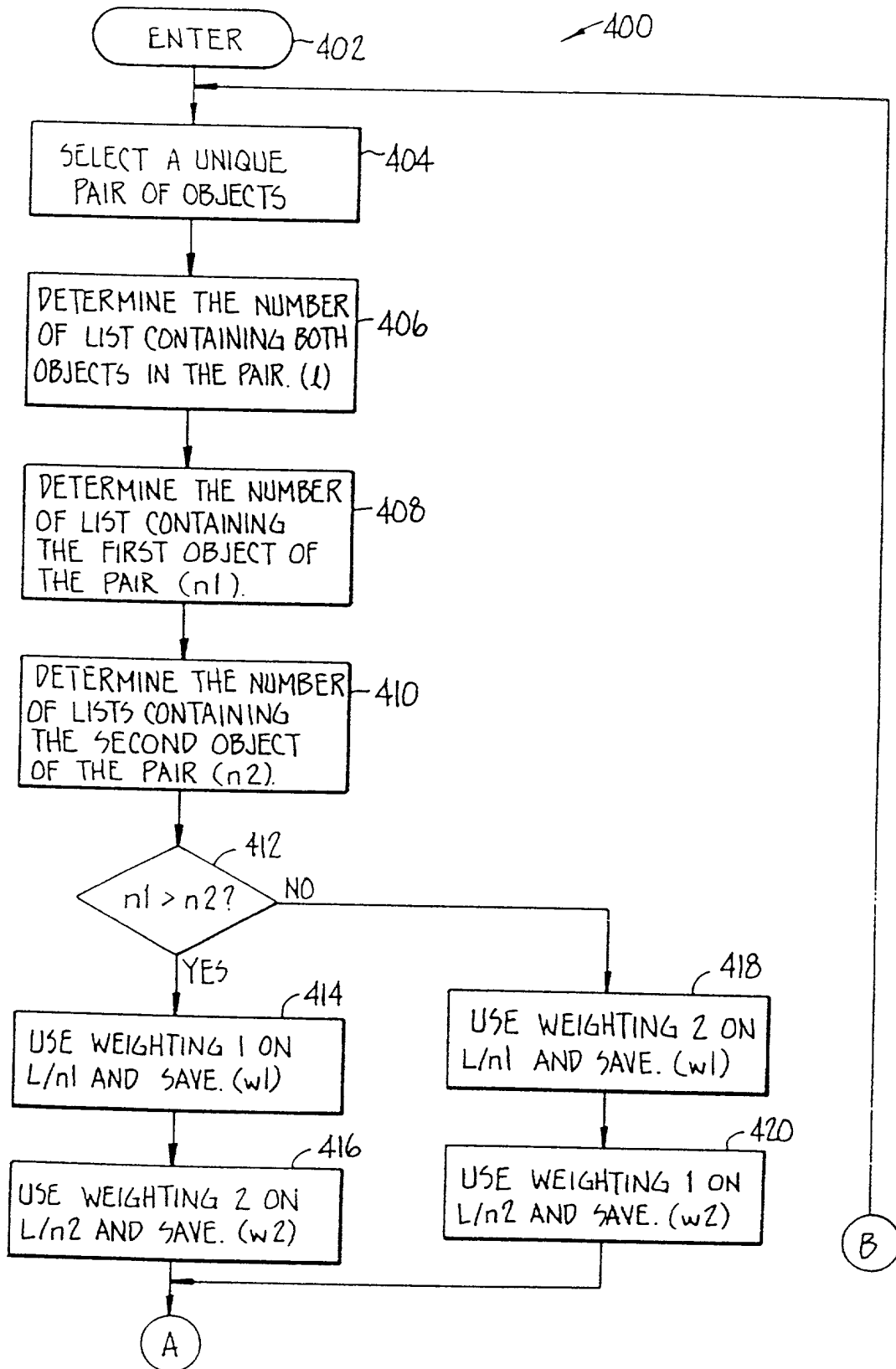


FIG. 6A.

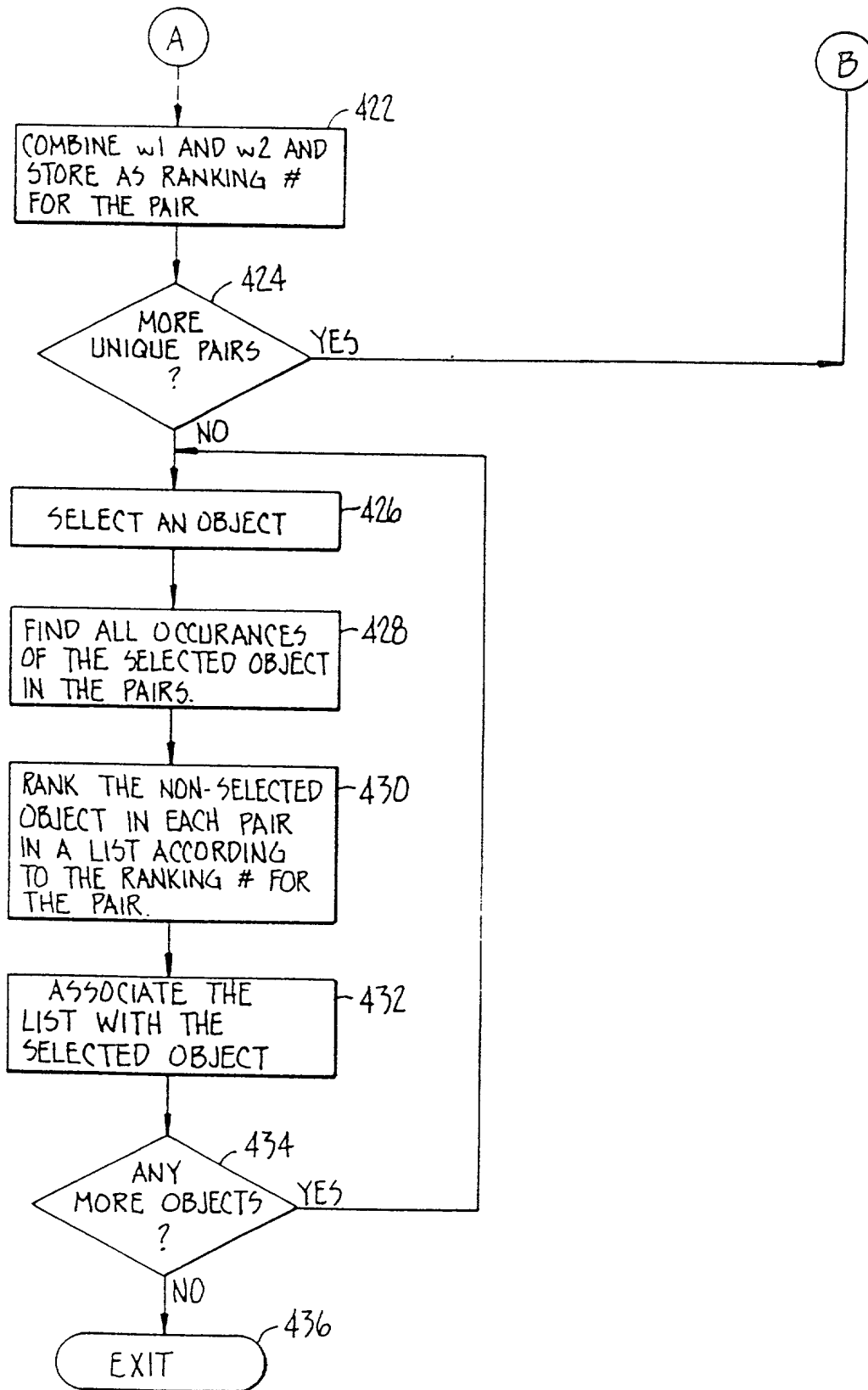


FIG. 6B.

		500		502		504		506		508		510		512		514	
		a		b		c		d		e		a		b		c	
		24680		26052		508		510		512		514		516		518	
a	a	24680		26052		508		510		512		514		516		518	
b	b	63.0		15629		38		7		1086		11298		1086		11298	
c	c	72.8		19.2		10		17		40		40		40		40	
d	d	0.8		62.0		32.8		17.7		150		150		150		150	
e	e	9.0		34.1		76.6		17.7		17.7		17.7		17.7		17.7	

FIG. 7.